	Docket Number (Optional) 15689.61		Application Number 09/701,705
	Applicant(s) Yukihiko Okumura et al.		
	Filing Date December 1, 2000	Group Art Unit 2661	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Q6	1	5,737,327	4/7/1998	Ling et al.	370	335	3/29/1996

RECEIVED
 SEP 29 2004
 Technology Center 2000

U.S. PATENT APPLICATION PUBLICATIONS


*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
Q6	2	EP 0 715 440 A1	6/5/1996	Europe	H04L27	22	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Q6	3	CHANNEL ESTIMATION FILTER USING TIME-MULTIPLEXED PILOT CHANNEL FOR COHERENT RAKE COMBINING IN DS-CDMA MOBILE RADIO Hidehiro Andoh, Mamoru Sawahashi, and Fumiyuki Adachi July 1998

EXAMINER 	DATE CONSIDERED 8/22/05
--	--------------------------------

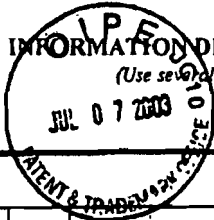
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

8/30/05

#14

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)
15689.61

Application Number
09/701,705

Applicant(s)
Yukihiko Okumura et al.

Filing Date
December 1, 2000

Group Art Unit
2661

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REP	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

RECEIVED
JUL 11 2003
Technology Center 2600

FOREIGN PATENT DOCUMENTS

	REP	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
QG	1	09008770A	1/10/1997	Japan	H04J13	04	✓	
QG	2	10051424A	2/20/1998	Japan	H04J13	04	✓	
QG	3	11284990A	10/15/1999	Japan	H04N7	18	✓	
QG	4	11186990A	7/9/1999	Japan	A04J13	04	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	5	DS-CDMA: The Performance of Channel Estimation Method Using Adaptive Weighted Multi-Symbol Averaging (WMSA) with Pilot Channel in DS-CDMA Sadayuki Abeta, Mamoru Sawahashi, Fumiuyuki Adachi NTT Mobile Communication Network Inc. page 67 to 79 ; April, 1998

EXAMINER DATE CONSIDERED 8/22/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

8/30/05

#5

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty. Docket no.: 3815/107	Application serial no.: 09/701,705
	Applicants: OKUMURA, et al.	Group Art Unit: 266
	Filing Date: Dec. 1, 2000	JUN 1 2001

RECEIVED

Technology Center 2100

U.S. PATENT DOCUMENTS

Exam. Init	Cite No.	Document Number	Date	Name	Class	Subclass
						RECEIVED

JUN 08 2001

FOREIGN PATENT DOCUMENTS

Technology Center 2600

Exam. Init.		Document Number	Date	Country	Class	Translation
Q4	1	PCT/JP98/05241 (WO 99/27672)	June 3, 1999	PCT		
Q9	2	PCT/JP98/05727 (WO 99/31835)	June 24, 1999	PCT		
Q9	3	PCT/JP99/02154 (WO 99/55033)	Oct. 28, 1999	PCT		

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

EXA M. INIT.	CITE NO.	
Q9	1	Seiichi Sampei And Terumi Sunaga, "Rayleigh Fading Compensation For QAM In Land Mobile Radio Communications," IEEE Trans. Vehicular Technol., Vol. 42, No. 2, pp. 137-147, May 1993
Q9	2	Seiichi Sampei, "Rayleigh Fading Compensation Method For 16 QAM MODEM In Digital Land Mobile Radio Systems," IEICE (Sect. B-II), Vol. J72-B-II, No. 1, pp. 7-15, January 1989
Q9	3	Hidehiro Andoh, et al., "Channel Estimation Filter Using Time-Multiplexed Pilot Channel For Coherent RAKE Combining in DS-CDMA Mobile Radio," IEICE Trans. Commun., Vol. E81-B, No. 7, pp. 1517-1526, July 1998
Q7	4	H. Andoh, et al., "Performance of Pilot Symbols-Assisted Coherent RAKE Receiver Using Weighted Multi-Slot Averaging for DS-CDMA Mobile Radio," Technical Report of IEICE. RCS97-74, pp. 63-68, July 1997

8/30/05



RECEIVED

USSN: 09/701,705
Atty. Dkt. No.3815/107
Page 2

JUN 1 2001

Technology Center 2600

Q9	5	Sadayuki Abeta, et al., "Performance Comparison Between Time-Multiplexed Pilot Channel and Parallel Pilot Channel for Coherent Rake Combining in DS-CDMA Mobile Radio," IEICE Trans. Commun., Vol. E81-B, No. 7, pp. 1417-1425, July 1998
Q9	6	Sadayuki Abeta, et al., "The Performance of Channel Estimation Method Using Weighted Multi-Symbol Averaging (WMSA) with Pilot Channel in DS-CDMA," Technical Report of IEICE. RCS97-163, pp. 43-50, November, 1997
→ Q9	7	Sadayuki Abeta, et al., "DS/CDMA Coherent Detection System with a Suppressed Pilot Channel," IEEE GLOBECOM '94, pp. 1622-1626, 1994; Vol 3; 28 Nov - 2nd Dec 1994
Q9	8	Sadayuki Abeta, et al., "A Coherent Detection System With A Suppressed Pilot Channel For DS/CDMA Systems," IEICE (Sect. B-II), Vol. J77-B-II, No. 11, pp. 641-648, November 1994
Q9	9	Sadayuki Abeta, et al., "Adaptive Channel Estimation for Coherent DS-CDMA Mobile Radio Using Time-Multiplexed Pilot and Parallel Pilot Structures," IEICE Trans. Commun., Vol. E82-B, No. 9, pp. 1505-1513, September 1999
Q9.	10	Sadayuki Abeta et al., "The Performance of Channel Estimation Method Using Adaptive Weighted Multi-Symbol Averaging (WMSA) with Pilot Channel in DS-CDMA," Technical Report of IEICE. SSE98-20 (RCS98-20) pp. 67-74, April, 1998

Examiner:	Date considered: 8/22/05
-----------	--------------------------

RECEIVED
JUN 08 2001
Technology Center 2600